



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

J. H. Tanner and James McMahon have been promoted to full professorships in Mathematics at Cornell University.

Dr. G. A. Bliss of the University of Chicago has been appointed to an assistant professorship at the University of Missouri.

Mr. A. W. Whitney and Dr. D. N. Lehmer have been promoted to Assistant Professorships of Mathematics at the University of California.

The San Francisco Section of the American Mathematical Society will hold its sixth meeting on October 1, 1904, at the University of California.

Prof. D. N. Lehmer of the University of California, is preparing, under the auspices of the Carnegie Institution, a table of the smallest factors of all numbers up to ten million.

Dr. Robert E. Moritz, of the University of Nebraska, has been elected Professor of Mathematics in the University of Washington to succeed Prof. Arthur Ranum who has resigned.

Mr. Frank Gustave Radelfinger, Assistant Professor of Mathematics in the Washington University and a practising patent attorney, died at Washington on August 15, at the age of thirty-four years.

BOOKS.

Rational Geometry. By Prof. George Bruce Halsted. John Wiley & Sons, publishers, 1904. A text book of the usual elements of geometry based on Hilbert's "Foundations."

The modern standpoint permits many simplifications in the development of geometrical theory, of which our author skillfully avails himself. Of the many notable features of this book it suffices to mention only the treatment of Proportion, Equivalence, Areas, Volumes, Pure Spherics, the absence of the theory of limits, of a continuity assumption, the presence of the ruler as a sect-carrier displacing the compasses. This volume of 285 pages contains all that is essential to a course in elementary geometry. The language is simple, the logic exact, the exposition masterly, as was to be expected from Dr. Halsted. The book seems admirably adapted to class use. The already great indebtedness of teachers of geometry to Dr. Halsted has been manifoldly increased by the publication of this book, which, in the opinion of the writer and with no intended disparagement of others, is the most important contribution to the text-book literature of elementary geometry which has appeared. And now that the way has been opened may we not hope that the teachers of geometry in the secondary schools and colleges will see to it that the present generations of pupils shall receive the benefits rightly accruing to them through the profound researches of the present and last centuries on the foundations of geometry.

T. E. McKINNEY, Marietta, Ohio.

ERRATA (in June-July No.)

Page 146, line 5, for $9mx^4x$ read $9mx^4$.